

ABSTRACT

A system PDA-based on line diagnostics for automatically discovering a thermostat configuration, turning off normal
5 controller delays, temporary overriding sensor inputs and set
points, and verifying proper output action including the
monitoring the discharge air temperature for the resulting
temperature behavior based on the equipment stages activated.
The diagnosis may include the testing of sensors, set points,
10 the fan, cooling equipment, heating equipment and the wiring
connecting the controls with the fan, and the cooling and
heating equipment. Problems discovered may be reported,
automatically recorded and the original operating parameters may
be restored.

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